

Should MIT go vegan? PETA VP spars with MIT Debate Team

By Jingyun Fan
NEWS EDITOR

Bruce Friedrich, the vice-president of policy and government affairs for People for the Ethical Treatment of Animals (PETA), debated the ethics of eating meat with the MIT Debate Team on Monday night in 10-250. Shireen S. Rudina '13, the debate team's vice president of tournaments, argued against Friedrich's proposal that eat-

ing meat is unethical under all circumstances.

Instead of the suit and tie typical of vice presidents, Friedrich was dressed simply in tan khakis and a red dress shirt.

He started the debate with a speech arguing that a vegetarian lifestyle is ethical for

environmental, energy, and animal-cruelty reasons.

"Vegetarianism is simply a matter of aligning your values with your actions," Friedrich said.

"How many people believe that animals should be legally protected from abuse?" Friedrich asked. The majority of the audience in 10-250 raised their hands. Americans almost unani-

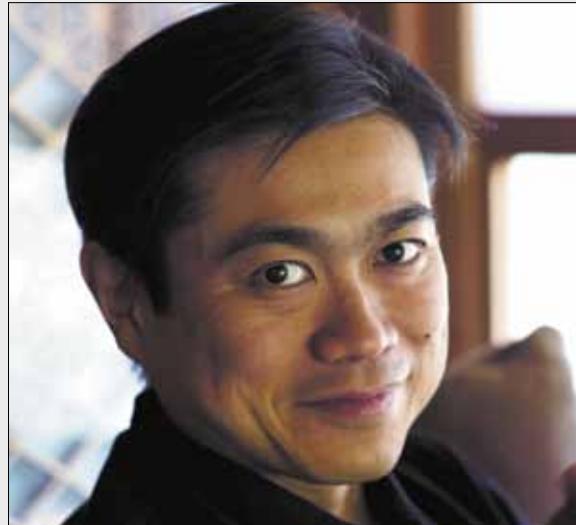
PETA debate, Page 12



NICHOLAS CHORNAY—THE TECH

Shireen S. Rudina '13 of the MIT Parliamentary Debate Team debates the ethics of eating meat with PETA Vice President of Policy Bruce Friedrich. The two presented their opposing arguments Monday night to a packed 10-250. Not surprisingly, neither was convinced to concede the point.

Joichi Ito named new Media Lab Director



COURTESY OF THE MIT MEDIA LAB

Joichi "Joi" Ito was named as the new director of the MIT Media Lab in an announcement yesterday. He will be the fourth director of the Media Lab, founded in 1985. Ito will take over the directorship from Franklin H. Moss PhD '77, who has held the position for the past five years.

Despite having attended both Tufts University and the University of Chicago, Ito holds no college degrees. He studied computer science at Tufts and physics at UChicago, but ultimately left academia, citing as his motivation: "I once asked a professor to explain the solution to a problem so I could understand it more intuitively. He said, 'You can't understand it intuitively. Just learn the formula so you'll get the right answer.' That was it for me."

Ito has held key leadership positions in internet organizations like the Internet Corporation for Assigned Names and Numbers (ICANN) and Creative Commons. Through his funding and support for a number of issues, he has established himself as a great advocate of internet freedom and privacy. Ito also sits on the board of directors of the Mozilla Foundation, WITNESS (a human rights organization), and Global Voices (a blogger network focused on free speech).

MIT Provost L. Rafael Reif said that Ito is "the right person to lead the Media Lab today," calling him "an innovative thinker who understands the tremendous potential of technology and, in particular, the Internet, to influence education, business, and society in general."

On his blog, Ito expresses that he is "happy and honored" to be the new director and is delighted to have finally "found [his] tribe."

"Everyone was super-smart, driven," and "working on very cool stuff," he wrote in the blog. "They weren't afraid to try anything." He describes feeling "at home" in the lab, as it is a "place where [he] can focus ... but still have a tremendous ability to work with the team ... [to] impact the world in a substantial and positive way." Ito says he is looking forward to doing outreach for the Media Lab by introducing his network of colleagues to the lab through the Internet and encouraging sponsors to visit MIT.

Ito's blog can be found at <http://joi.ito.com/>.

—Jessica J. Pourian

TO EAT MEAT OR NOT TO EAT MEAT

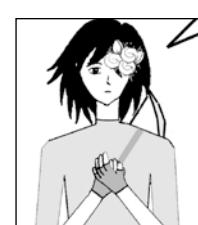
PETA Vice President of Policy chimes in on *The Tech's* opinion pages.
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WHY DO TEACHERS TEACH?

5.111 professor explains her desire to educate. **CAMPUS LIFE, p. 9**

RESTRUCTURING WOES

Why the attempt could have been a lot, lot better. **OPINION, p. 4**



STILL ON THE SEARCH ...

A classic *Tech* cartoon comes to an end.

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CYLING EXTENDS LEAD IN N.H.

Cycling team is leading the ECCC with 570 points over Harvard. **SPORTS, p. 15**

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45 student teams compete for \$15K MIT Global Challenge added to annual IDEAS Competition

By Deborah Chen
STAFF REPORTER

Forty-five teams competed for \$15,000 last night in the final round of MIT's Innovation, Development, Enterprise, Action and Service (IDEAS) Competition, spelling out their vision to make the world a better place. The annual competition focuses on innovation in the realm of public service. Teams entered projects in fields ranging from health care and education to food production, with many focusing on the challenges of world poverty and international development.

"I'm really excited by the diversity in the types of projects this year," said Raj Melville MBA '77, a returning judge from the Deshpande Foundation.

"There's definitely a lot of energy and potential here."

This year marks the 10th anniversary of the IDEAS Competition, and the first year of the MIT Global Challenge, which was created by the Public Service Center and the MIT Alumni Association as a tie-in to MIT150. One of the new features of the MIT Global Challenge allows registered users to vote for their favorite teams online, with the top five teams receiving \$5000 each. The two competitions will reward up to \$150,000 in funding to the various winning teams. This year, turnout was up 20 percent from previous years, according to Kate Mytty, program coordinator.

Projects

Many teams were excited about

IN SHORT

The fall class schedule is available online at <http://student.mit.edu/catalog/index.cgi>. Start planning your classes!

Freshmen must declare their major this Friday, April 29, if they plan on declaring this year.

Free breakfast every day this week on the Student Center steps from 8:30–10 a.m. to celebrate Wellness Week!

Bon Appétit, the dining company that will continue to supply meals to MIT cafeterias in the fall, will be giving info sessions about their food this coming week in each dining hall. Sessions will be held at Next on April 26 at 8:30 p.m.; McCormick on April 27 at 8 p.m.; and Simmons on April 28 at 8 p.m. They are expected to last one hour.

The inaugural Service Cup was awarded to the Sigma Alpha Epsilon fraternity for their help with Habitat for Humanity, the Museum of Science, and Big Brothers/Big Sisters.

Send news information and tips to news@tech.mit.edu.



SOURCE: ELKUS/MANFREDI ARCHITECTS

The proposed Broad Institute extension will have 250,000 square feet of lab, office, and ground floor retail space.

Governments consider cuts to once-untouchable pensions

When an arbitrator ruled this month that Detroit could reduce the pensions being earned by its police sergeants and lieutenants, it put the struggling city at the forefront of a growing national debate over whether the pensions of current public workers can or should be reduced.

Conventional wisdom, and the laws and constitutions of many states, has long held that the pensions being earned by current government workers are untouchable. But as the fiscal crisis has lingered, officials in strapped states from California to Illinois have begun to take a second look, to see whether there might be loopholes allowing them to cut the pension benefits of current employees. Now the move in Detroit — made possible, lawyers said, because Michigan's constitutional protections are weaker — could spur other places to try to follow suit.

The mayors of some hard-hit cities have said that the high costs of pensions have forced them to lay off workers: Oakland, Calif., laid off one-tenth of its police force last year after failing to win concessions on pension costs. Elsewhere there is pension envy: some private sector workers, who have learned the hard way that their companies can freeze or reduce pensions going forward, resent that the pensions of public sector workers enjoy stronger legal protections. But government workers, many of whom were recruited with the promise of good benefits and pensions, say that it would be unfair — and in many cases, very likely illegal — to change the rules in the middle of the game.

—Michael Cooper and Mary Williams Walsh,
The New York Times

Sales of new homes increase in March but remain slow

The market for new homes is so depressed that even a rebound last month did not keep it from being the slowest March on record.

Buyers signed contracts in March at a seasonally adjusted annual rate of 300,000, an 11 percent increase from the month before but down from 384,000 in March 2010, the Census Bureau said Monday.

In March 2005, when a lack of income or savings was no deterrent to getting a dream home with granite countertops and a walk-in pantry, families and investors flocked to real estate at an annual rate of 1,431,000 houses.

The millions of homes built during the boom have created a drag on the current market as owners surrender them to foreclosure. Builders cannot compete against relatively new construction offered by banks for large discounts.

The March sales numbers modestly exceeded analysts' expectations but nevertheless did not impress.

"Still miserable," said Joshua Shapiro, chief U.S. economist for MFR Inc.

—David Streitfeld, *The New York Times*

Walmart tests service for buying groceries online

Walmart has begun testing an online grocery delivery service, called Walmart to Go, in the San Jose, Calif., area.

The company has been expanding its online options, including a nationwide rollout of a service that lets customers order merchandise (not food) online and pick it up in the store the same day. While that program is aimed at getting shoppers into stores more frequently, this one creates a more convenient way to buy from Walmart.

Walmart declined to make executives available for interviews about the grocery test, which started Saturday. In early March, asked about the possibility of an online grocery ordering service, Steve Nave, senior vice president and general manager of Walmart.com, would not discuss specifics.

—Stephanie Clifford, *The New York Times*

WEATHER

April showers will linger this week

By Roman Kowch
STAFF METEOROLOGIST

The last week of April will have spotty showers as the main weather concern. Through Thursday night we may experience raindrops at almost any time, day or night. A slow-moving low pressure system located in the northern Midwest is responsible for the wet and cloudy weather today. By Wednesday this system will be "pushed" slightly north as another storm system forms in

the southern Midwest. But as Thursday rolls around, the new storm will swing a cold front through New England, bringing heavy rain and thunderstorms. The weather through this week will be quite warmer than last week, with highs reaching 70°F (21°C) and lows staying in the 50s°F (10–15°C). The warm weather will take shape when a warm front edges its way northward into Canada today. A flow of Gulf moisture will also become apparent with the warm front's passage.

Extended forecast:

Today: Cloudy with a chance of showers. High 62°F (17°C). N wind at 10–15 mph.

Tonight: Cloudy with a few showers. Low 52°F (11°C). E wind at 10 mph.

Tomorrow: Cloudy, showers, breezier. High 70°F (21°C). S wind at 15–20 mph.

Thursday: Showers and thunderstorms likely. High 72°F (22°C). S wind at 2–25 mph.

Friday: Partly cloudy. High near 67°F (19°C).

Syria intensifies military attacks against rebels

By Anthony Shadid
THE NEW YORK TIMES

BEIRUT, Lebanon — The Syrian Army stormed the restive city of Dara'a with tanks and soldiers and helped detain dozens in towns across the country Monday in an escalation of the crackdown on Syria's five-week-old uprising, according to residents and human rights activists. They said at least 25 people had been killed in Dara'a, with reports of bodies strewn in the streets.

The military's move into the town seemed to signal a new, harrowing chapter in a crackdown that has already killed nearly 400 people. Until now the government has been hewing to a mix of concessions and brute force, but its actions Monday indicated that it had chosen the latter, seeking to crush a wave of dissent in virtually every province that has shaken the once uncontested rule of President Bashar al-Assad, 45.

"The government has decided to choose the path of violence and repression," said a Syrian analyst in Beirut, who asked to remain anonymous.

for his safety. "How far can they go in this repression? That is the question."

As in 1982, when it crushed an Islamist revolt and killed at least 10,000 people in Hama, the military again showed its willingness to use force to repress its own people. Although there were rumors of discord among soldiers, the leadership is still dominated by Assad's minority sect and its deployment to Dara'a illustrated that a crucial bastion of government support remains loyal — in stark contrast with Egypt, where the military's refusal to fire on protesters proved decisive in President Hosni Mubarak's fall from power.

The official Syrian news agency said Monday night that the military had entered the town at the request of citizens to hunt what it called "extremist terrorist groups."

Dara'a, a town of low-slung buildings with 75,000 inhabitants, has become almost synonymous with the popular revolt that has posed the greatest challenge to four decades of rule by the Assad family. Protests erupted there in March

after security forces arrested high school students accused of scrawling anti-government graffiti on a wall, galvanizing demonstrations that have spread from the Mediterranean coast and eastern regions dominated by Kurds to the steppe of southern Syria, where Dara'a is located.

Residents said at least eight tanks drove into the town before dawn, with anywhere from 4,000 to 6,000 troops, although some estimates put the numbers in the hundreds. Water, electricity, and phone lines were cut, making firsthand accounts difficult and the numbers impossible to verify, and nearby border crossings with Jordan were reported sealed. Snipers took positions on the roofs of mosques, residents said, and a mix of soldiers and armed irregular forces went house to house to search for protesters.

"There are bodies in the streets we can't reach; anyone who walks outside is getting shot at," said a resident of Dara'a who gave his name as Abdullah, reached by satellite phone. "They want to teach Syria a lesson by teaching Dara'a a lesson."

NATO strikes Gadhafi office compound, Italy joins the fight

By David D. Kirkpatrick
THE NEW YORK TIMES

TRIPOLI, Libya — NATO warplanes struck Moammar Gadhafi's compound here early on Monday and also bombed a state television complex in an escalation of the air campaign to aid the rebellion against his four decades in power.

The attack on the compound was the third since air raids began in mid-March, but the strike at the television complex was the most significant broadening yet of the NATO air campaign, suggesting that nonmilitary targets would be hit in an effort to break down the instruments of Gadhafi's broader control.

A senior Libyan government official said that the strike knocked state television off the air for about a half hour.

In the port of Misrata, 130 miles east of Tripoli, the capital, rebels

reported that a widely publicized government pullback had given way to renewed shelling by Gadhafi's forces from outside the city. The initial withdrawal over the weekend after a nearly two-month siege had bewildered some rebels.

Also on Monday, Italy, after weeks of declining to participate in direct bombing raids, said for the first time that it would begin striking select military targets in Libya.

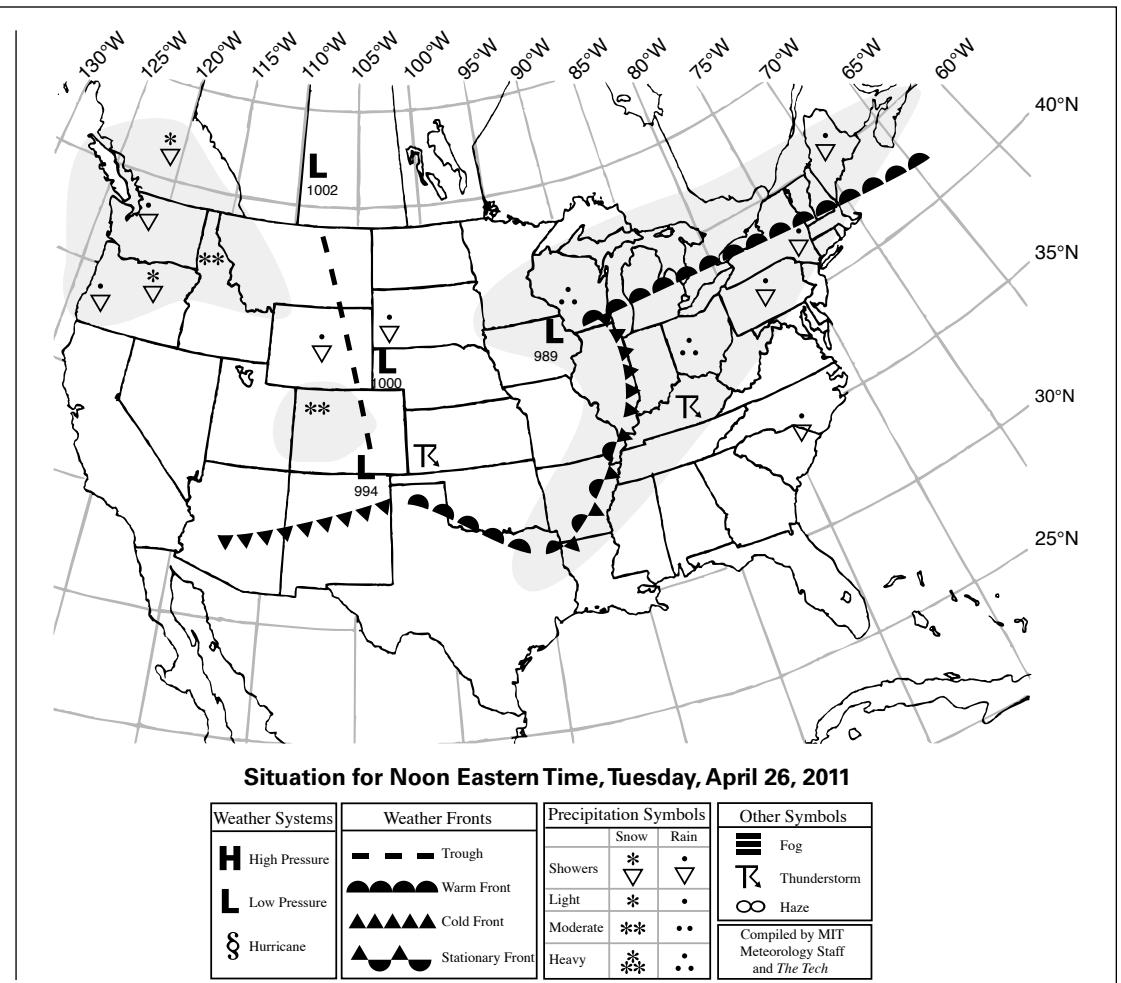
In Tripoli, at least two large bomb blasts thundered in the city just after midnight, and journalists escorted to the compound by government officials saw firefighters hosing down the smoldering remains of an office complex where Gadhafi works and meets visitors. The explosions sent cement and debris flying more than 50 yards. There were no signs of armaments, and Libyan officials said that no one was killed, although they said

that as many as 45 people were slightly injured.

A government spokesman, Moussa Ibrahim, said later that three people had been killed and 45 were injured, 15 of them seriously, by the airstrikes. He did not elaborate and turned down a request to arrange for interviews with the wounded.

Ibrahim declined comment on whether Gadhafi was in the compound at the time of the attack, but he said the Libyan government considered the attack "an attempt to assassinate the leader and unifying figure of this country."

"He is well," Ibrahim said of Gadhafi. "He is healthy. He is in high spirits." Gadhafi, who has made infrequent appearances in Tripoli since the uprising began, was conducting business as usual on Monday, meeting with government officials and tribal elders, Ibrahim told reporters at the scene.



Prison break by Taliban leaders sets hundreds free

By Taimoor Shah
and Alissa J. Rubin
THE NEW YORK TIMES

KANDAHAR, Afghanistan — Taliban leaders carried out an audacious plot Monday to free nearly 500 fighters from southern Afghanistan's largest prison, leading them through a tunnel dug over more than five months and equipped with electricity and air pipes, which suggested that the insurgents remain formidable and wily opponents despite recent setbacks.

The plan was so closely held that one young Taliban fighter who got out said he knew nothing of it until a fellow inmate tugged his sleeve to wake him in the night and led him to the 3-foot-wide tunnel, which ran more than half a mile from a hole in a cell's floor, under security posts, tall concrete walls and a highway, and came up in a nearby house. From there, a waiting car took the fighter a few miles away, where he hailed a taxi to safety.

"I was just praying to God that he would free me," said the fighter, Allah Mohammed Agha, 22, re-

counting his escape from Sarposa Prison, where he had been held for 28 days. "Last night was the night that my dream was made true."

He spoke by phone from Spinbaldak, near the Pakistani border.

The Afghan government called the breach a disaster. The prison break called into question the extent of the gains made against the Taliban in 18 months of hard fighting in Kandahar province, and whether any progress will be sustainable once NATO troops begin to reduce their numbers as planned this summer, members of Parliament, tribal leaders, and Western officials said in interviews.

Some worried that the jailbreak might strengthen the Taliban in the coming weeks as the spring fighting season begins. Having so many fighters back in circulation — possibly including hard-core commanders — also threatened to undermine efforts to bring Taliban fighters over to the government side, Afghan officials and former Taliban said.

There is no doubt that the incident demonstrated the Taliban's

ability to organize such an elaborate operation, even after they were driven largely underground in Kandahar and Helmand provinces, and despite police and prison guards, prison visits by NATO mentors, and sophisticated NATO surveillance in Kandahar.

The prison break comes after four recent attacks by the Taliban, in which they used suicide bombers, often disguised as police officers or soldiers, to penetrate secure buildings, including an Afghan army corps' headquarters in Laghman province and the Ministry of Defense headquarters in the capital, Kabul.

Members of Parliament and others were scathing about the lapses. Some questioned whether the prison guards or police officers were bribed not to notice the tunnel's construction.

"It's a big achievement for the Taliban and shows a big failure and weakness in the government," said Muhammad Naiem Lalay Hamidzai, a Parliament member from Kandahar and chairman of the internal security committee.

First major poll finds Egyptians hopeful but still divided

Egyptians are looking forward with extraordinary confidence and enthusiasm to their first free and fair elections this fall after the defining revolution of the Arab spring, according to the first major poll since the ouster of former President Hosni Mubarak. But they remain deeply divided over the role of Islam in their public life.

The poll, conducted by the Pew Research Center and based on face-to-face interviews with 1,000 Egyptians, is the first credible survey since the revolution lifted many restrictions on free expression. It is also the first to directly address Western debate over whether the revolution might drift toward Islamic radicalism.

The poll found Egyptians remarkably bullish on their revolution and, in its aftermath, their future. Nearly two-thirds said they were satisfied with their country's direction, and six in 10 were optimistic about the future. Although open political elections would be a novelty in Egyptian history, most had some degree of faith that they had won democracy. Forty-one percent said a free and fair choice in the next election was very likely, and 43 percent said it was somewhat likely. Only 16 percent said it was unlikely.

The poll also found about 30 percent of Egyptians have a favorable view of Islamic fundamentalism and about the same number sympathize with its opponents. About a quarter have mixed views.

—David D. Kirkpatrick and Mona El-Naggar, *The New York Times*

Labor board plans to sue two states over union rules

The National Labor Relations Board has told state officials that it will soon file federal lawsuits against Arizona and South Dakota in seeking to invalidate those states' constitutional amendments that prohibit private sector employees from choosing to unionize through a procedure known as card check.

In a letter sent on Friday, the labor board told those states that it would invoke the Constitution's supremacy clause in asserting that the state constitutional amendments conflict with federal laws and are pre-empted by those laws. One federal official said the lawsuits would be filed in the next few days.

The Arizona and South Dakota constitutional amendments were promoted by various conservative groups worried that congressional Democrats would pass legislation allowing unions to insist on using card check in organizing drives, meaning that an employer would have to recognize a union as soon as a majority of workers signed pro-union cards. Under current law, private sector employers can insist that secret ballots be used when unions are trying to organize.

Unions like using card check because it makes it easier to win unionization campaigns. Organizers can gather signature cards quietly until they get a majority of workers, making it more difficult for an employer to mount an opposition campaign. Congressional Republicans blocked passage of the card-check bill.

—Steven Greenhouse, *The New York Times*

Netflix profit up as people flock to its on-demand service

Netflix posted a first-quarter profit of \$60.2 million Monday and said it had added 3.3 million subscribers in the United States in three months, its fastest rate of growth yet.

"It took us four years to get to 3.3 million subscribers," Reed Hastings, the company's chief executive, said in an interview Monday evening. "Now we did it in one quarter."

Hastings said the online streaming business "is just racing ahead." But earlier in the day, in a letter to shareholders, the company cautioned that its torrid pace of growth may be tempered in the months ahead. It said it expected to add between 1.2 million and 2 million subscribers in the next three months. Netflix shares declined about 5 percent in after-hours trading.

At the end of the first quarter, Netflix had 22.8 million subscribers in the United States, giving it as big a footprint as the biggest American cable operator, Comcast, which reported 22.8 million subscribers at the end of last year.

—Brian Stelter, *The New York Times*

Iranians discover new cyberattack

TEHRAN — Iran has discovered a new hostile computer virus designed to damage government systems, an Iranian official who heads a cyberdefense agency said in comments reported Monday.

In comments published by Iran's semi-official Mehr News Agency, the official, Gholam-Reza Jalali, said the Stars virus had infiltrated government systems but was being decoded.

"Fortunately, our scientists have successfully identified the Stars virus, which has now been sent to laboratories," said Jalali, a senior Revolutionary Guard commander.

He said no conclusions had yet been reached about the virus' aim. In its initial state, it mimics a regular executable file.

In recent days, Jalali admitted that the powerful Stuxnet virus discovered last year did indeed infect computer systems related to the country's nuclear program but said that it was discovered before causing serious damage. Jalali said that the threat from Stuxnet had not yet been completely dispelled and cautioned that further attacks were anticipated.

—William Yong, *The New York Times*

Rivet flaw suspected in jet's roof

WASHINGTON — Federal investigators said Monday that they had discovered flaws in the riveting of the roof of the Southwest Airlines plane that tore open in flight on April 1, a finding that experts said probably showed manufacturing defects.

The National Transportation Safety Board, in an interim report, said that a laboratory examination of intact sections of the roof found rivet holes on one layer of the plane's skin did not line up properly with an underlying layer. The board also said that it found paint from the exterior of the plane had bled through into the inside. Experts said that suggested the aluminum skin had not been properly bound together, leading to premature damage from fatigue.

—Matthew L. Wald and Jad Mouawad, *The New York Times*

Haley Barbour, Mississippi governor, won't run for president

By Jeff Zeleny
THE NEW YORK TIMES

WASHINGTON — Gov. Haley Barbour of Mississippi had hired a campaign manager, lined up influential Republican activists in early-voting states and secured commitments from donors across the country, but he surprised them all Monday by announcing that he was abandoning his effort to join the Republican presidential race.

In a telephone call to supporters, followed by a brief statement, Barbour said he lacked the "absolute fire in the belly" that a candidacy would require. He apologized for flirting with a presidential bid over the past six months and then backing away, but said he had concluded that he was not ready to dedicate himself to the "all-consuming effort" a campaign would require.

"I cannot offer that with certainty," he said, "and total certainty

is required."

The decision by Barbour, 63, provided the biggest shake-up yet of the 2012 presidential race. His departure adds another layer of uncertainty to the wide-open fight for the party's nomination and set off a scramble among other candidates seeking to sign up his donors and supporters.

Throughout the spring, Barbour has been traveling to Iowa, New Hampshire, and South Carolina, testing his support among Republicans who cast the first votes. He recruited a team of operatives in those states, along with national campaign strategists, and rivals expected him to join the first Republican debate next week in South Carolina.

But his candidacy faced many challenges. As a lobbyist, for example, he represented tobacco companies, the pharmaceutical industry, and several foreign governments. He sought to sell the

experience as an advantage, telling audiences, "I saw the sausage factory up close," but his aides braced for intense scrutiny.

Barbour founded the Washington lobbying firm now known as BGR in 1991 with Ed Rogers, a close friend and fellow Mississippian who had worked with him in the Reagan White House. The next year, Lanny Griffith, who worked in the administration of the first President Bush and also hailed from Mississippi, joined them. They formed the foundation of a powerhouse firm with close ties to the Republican establishment.

Barbour left the firm in 2004 when he became governor of Mississippi, but associates say he is a frequent visitor to the office when he is in Washington. Since his formal departure, reports have shown that he has continued to draw hundreds of thousands of dollars from a blind trust that held stock in the firm's parent company.

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Restructuring is too important to rush

A hypocritical UA restructuring process led to a flawed product

By Ryan Normandin

and Nina Sinatra

OPINION EDITORS

While we agree that the UA Senate is a broken, inefficient system and we would certainly like to see it reformed, we do not believe that compiling and implementing a hastily constructed proposal in the last few weeks of term is the way to fix it.

During this process, there has been insufficient time to get the relevant members of the administration and the student body together to brainstorm ideas and work through issues that both sides may have with the proposal. Instead, individual members of the Ad-Hoc Committee on Implementation of Potential Restructuring (CIPR) met with different administrators and then returned to the committee to share their interpretation of each conversation. As such, there was concern that members of the committee were allowing their own opinions on whether or not the restructuring should pass to influence how they interpreted the positions of administrators they met with.

Furthermore, brainstorming new ideas didn't seem to be high on the list of priorities in the restructuring process. This shouldn't come as a surprise, given the short time scale afforded to the two restructuring committees. While students regularly demand extensive amounts of time and transparency from administrators while working through issues, it seems that they are hypocritically not applying that standard to themselves. Rather, the committees that were charged with formulating and implementing the fundamental documents of student government at MIT were given two weeks to conduct their work.

Another obstacle to brainstorming was the reluctance of UA President Vrajesh Y.

Modi '11 and CIPR Chair Rachel E. Meyer '10 to allow for the development of a new plan or substantial overhaul of the proposal. When members of CIPR expressed their desire to modify the implementation proposal in response to feedback they'd received from members of the administration, they were told that the charter for the committee did not allow them to develop a new plan — despite the committee's charter indicating the opposite. This meant that, despite their desire to do so, the Committee was prevented from creating a strong timeline that would lay out a framework under which the restructuring could be further studied.

Furthermore, meetings were often scheduled on short notice (the same day as the meeting, and even during CPW) and CIPR minutes were not published. This neglect was again demonstrated this past Saturday night when Modi scheduled a restructuring meeting for the morning of the next day, Easter Sunday. For all the UA's talk of transparency and thoroughness, does this strike you as a transparent and thorough process?

As is logical, such a flawed process has led to a flawed product. Because the process more closely resembled going through a to-do list with the goal of reaching implementation at any cost rather than focusing on the meaningful incorporation of ideas, it is not surprising that — according to DormCon Executive Vice President Meagan A. Roth '11 — most housemasters expressed serious concerns with the proposal. The point has also been raised that absorbing a functioning body (DormCon) into a poorly-functioning body (UA) would not address the student representation problems at MIT. Another concern, expressed by many stakeholders in the process, was that dorm presidents had not signed up for the responsibility of

representing students on a UA Council.

Equally important, the student body did not vote the dorm presidents into these new Council positions, just as the UAP and UAVP were not elected to head the new body that would result from this proposal. One question that was seemingly pushed aside was whether the UA actually needs fundamental structural changes. Instead, UA senators could be mandated to attend their house government meetings, which would allow a more accurate representation of the student body — one of the goals of the restructuring.

Those who attempted to push this proposal through before the end of term claimed that if it was not done quickly, crucial momentum would be lost. They feared that the group of students who will sit in student government positions next year will not be as energized to get something passed. This fear is unfounded, because dorm presidents are generally elected by calendar year, which means that they can easily continue to push for change come fall. The newly elected UA President and Vice President also support the goals of unifying the student voice and making whatever deliberative body results more efficient.

DormCon made the right decision voting down a flawed proposal, which was the result of a flawed process. By not acting hastily, DormCon has ensured that we will not receive a product that may not actually solve the problems facing student governance. Rather, a new committee should be formed in the fall which will more fully incorporate the feedback and ideas of the MIT community, provide transparency throughout the process, and, in the end, deliver a product that will address the fundamental problems of the UA Senate.

GUEST COLUMN

Eating animals is indefensible... but try me

By Bruce Friedrich

As the vice president of policy for People for the Ethical Treatment of Animals (PETA), I've spent much of the last year visiting college campuses across the country and being inspired, challenged, and motivated by top debate teams as we sparred over the ethical implications of eating meat. After dozens of such debates, one thing is clear: a vegan lifestyle is more mainstream than ever on college campuses.

Of course, this won't be news to many MIT students, who have come to expect a wide variety of vegetarian and vegan food options in the campus cafeterias. Last fall, peta2 — the student wing of PETA — unveiled its annual list of the Most Vegan-Friendly Colleges in the U.S., and the competition was (impressively) fierce. Vegetarian barbecue ribs, vegan Southwest steak wraps, and dairy-free chocolate coconut cream pie are just some of the countless delicious and cruelty-free menu options that grace campus menus across the country.

So what's driving this unprecedented demand for meatless meals?

Whether they are concerned about the environmental devastation associated with

feeding massive amounts of corn and soy to farmed animals, are outraged by the ruthlessness of an industry that refuses to make even the most minimal modifications to lessen animals' suffering, or simply can't understand how someone could love some animals (e.g., dogs and cats) while eating others (e.g., chickens and pigs), thoughtful students everywhere are ditching meat, eggs, and dairy products in favor of healthier, more humane cuisine.

Right now, more than 70 percent of the grain grown in this country is fed to animals who are raised for food. Similarly, nearly half the water consumed and 80 percent of the agricultural land in this country is used for livestock instead of being utilized to grow food to feed people. The massive amount of excrement produced by farmed animals — approximately 130 times as much as the entire U.S. population produces — makes its way into our local waterways, including those right here in Massachusetts.

Chickens and turkeys have their throats cut while they're still conscious, piglets have their tails and testicles cut off without being given any painkillers, fish suffocate or are cut open while they're still alive on the decks of fishing boats, and calves are taken away from their mothers within hours of

birth. Mother pigs are crammed into crates that are too small for them to turn around in, and chickens are killed using a method that guarantees that millions of birds will be immersed, fully conscious, in scalding-hot water. PETA investigations have found repeatedly that sadistic abuse on the part of workers is the norm, not the exception.

And more and more students are realizing that there is no ethical consistency in doling out affection to our pets while dining on the bodies of other animals who are every bit as deserving of our compassion and respect as any dog or cat. Most people are revolted by the idea of dining on Fluffy or Fido, but good luck coming up with a moral or scientific argument to defend eating chickens but not cats or pigs but not dogs.

These are issues that affect each and every one of us, so it's understandable why there is such a thirst among students to learn more. My recent peta2-sponsored debates at Harvard, Princeton, Yale, the Universities of Texas and Georgia, and many other major institutions have been jam-packed with hundreds of people eager to explore the ethics of eating animals.

Bruce Friedrich debated members of the MIT Debate Team yesterday from 7-8:30 p.m. in 10-250.

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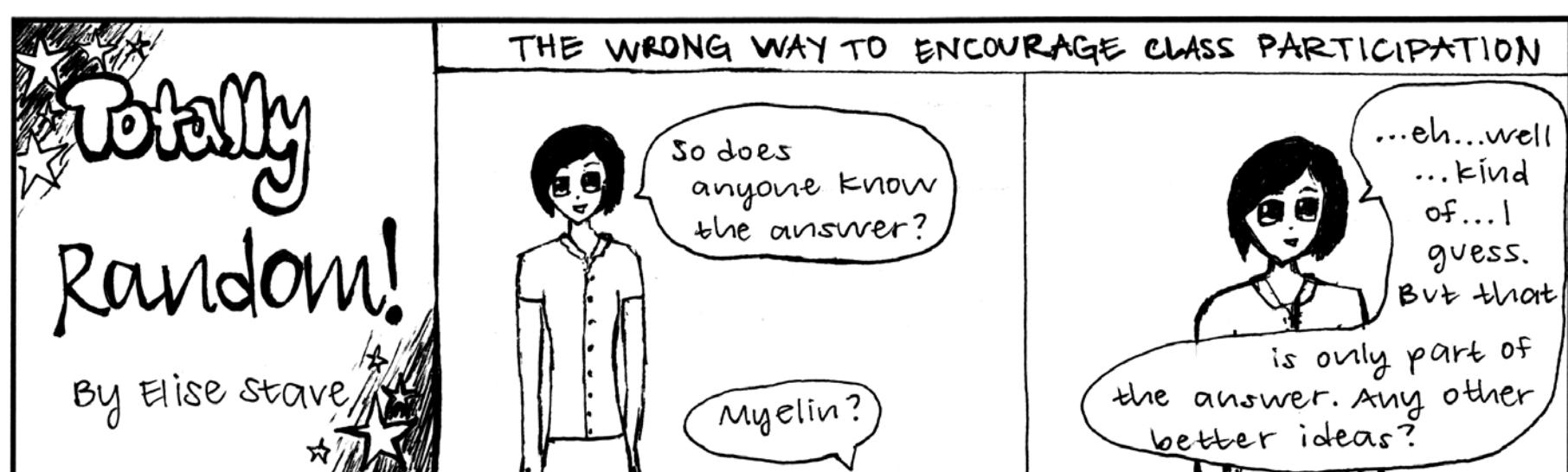
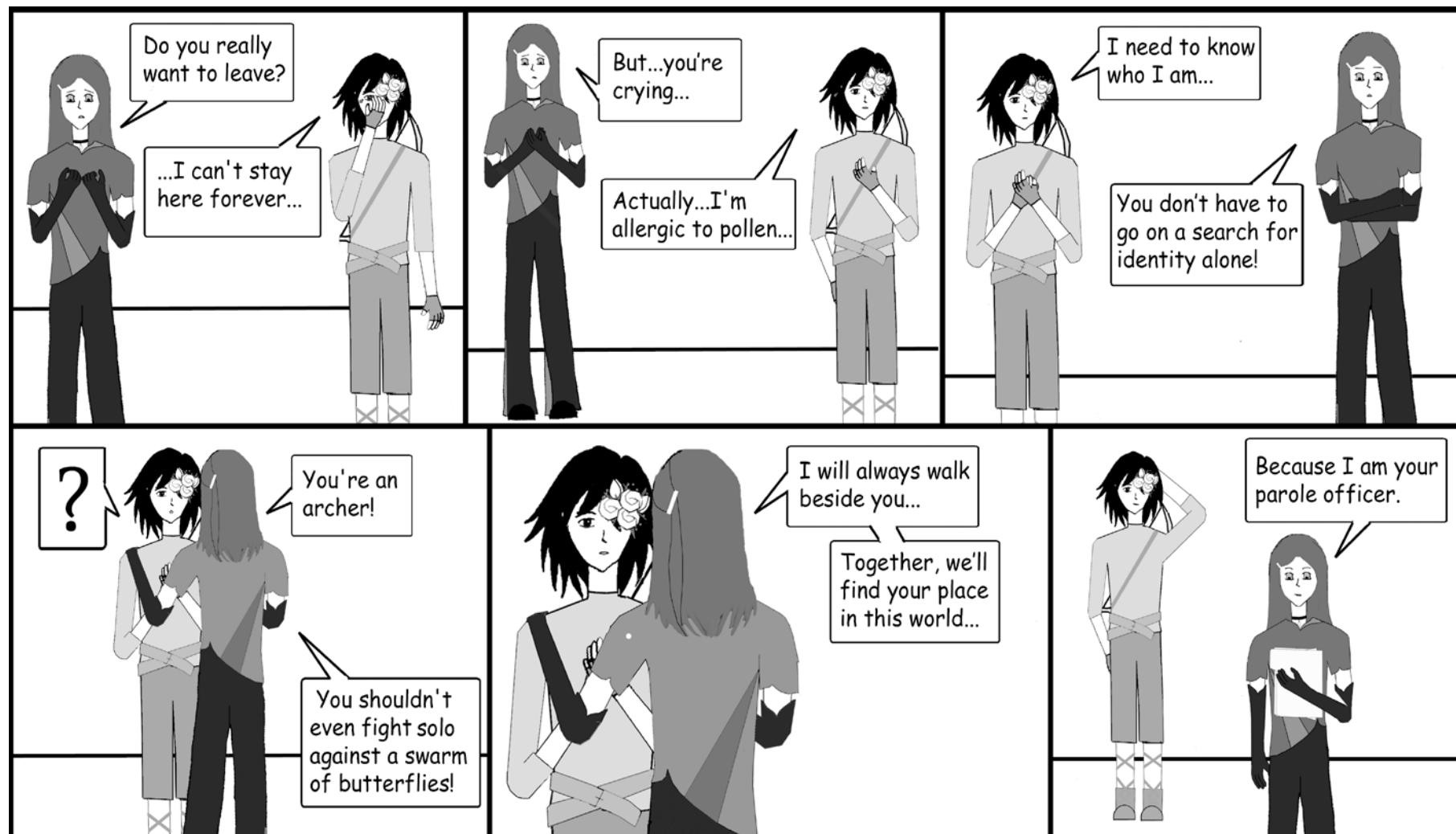
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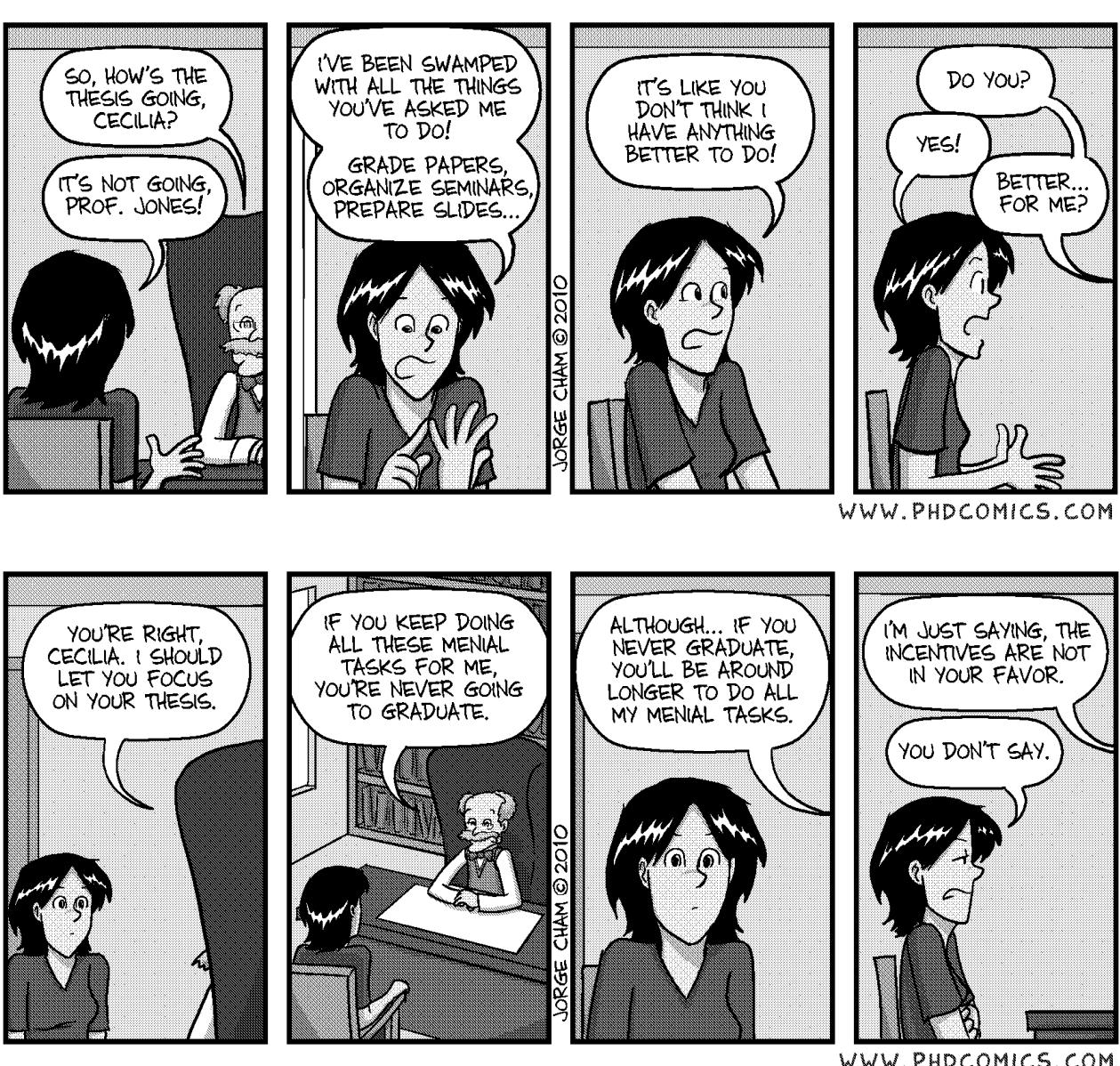
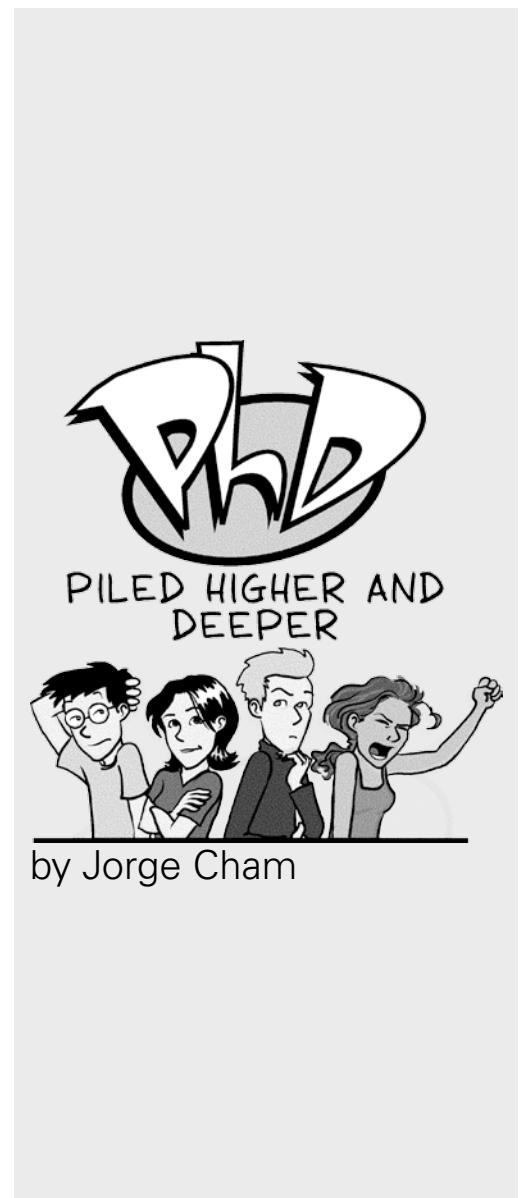
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Somewhere on the Search for Meaning... by Letitia Li





by Jerry Holkins
and Mike Krahulik



Sudoku

Solution, page 14

3	6			9	2			7
	7			5	4	8		
								2
5	2			6		3		
3			1			5		
9		4		6		8		
6								
	3	6	4			8		
1		7	2			9	6	

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Techdoku

Solution, page 14

24x			6x		450x		
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1-		180x				12x	
					40x		6
					60x		4
						6÷	
					6		7+
					3x		

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

Institute Double Take



by Nicholas Chornay

STAFF PHOTOGRAPHER

The limited dynamic range of a camera can often pose difficulties for the photographer, but in certain situations, it can also create artistic possibilities.

This photograph was shot from the interior of MIT Medical, looking upwards and west towards the setting sun. The small aperture maximizes the depth of field, keeping

the image sharp throughout. The exposure was chosen to correctly expose the sunlit areas while throwing the shadows into a deep black.

Aperture:

f/9

Exposure Time:

1/500 sec.

Sensitivity:

ISO 200

Effective Focal Length:

50 mm

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Students focus on worldwide issues of hunger, poverty

IDEAS and Global Challenge ask students to address international development problems

IDEAS, from Page 1

something from prototype to full implementation. It's really neat to start something and follow it from the beginning to the end." Grub-Cycle is a project that seeks to create a waste management system in Kibera, the largest slum in Nairobi, Kenya, and empower local entrepreneurs at the same time. "The idea is that local entrepreneurs can earn money by collecting waste, feed it to the worms, and then sell the pupae to factories that will turn it into animal feed," Oh explained. "We calculate that a person can earn up to \$8/day, which is pretty significant increase from their previous earnings," she said.

Other teams focused on topics like food production and education. Straw Chopper — a group working on a machine that will allow farmers in India to more easily supplement their income through the production of mushrooms — hopes the IDEAS Competition will allow them to put their idea to the test.

"We just started this project 5-6 weeks ago, and it'd be really great if we could make a working prototype, get it to India and show people how to use it," Lusann W. Yang G, a project member, said.

Aakriti Shroff '13, of the Indian Mobile Initiative — a project that will teach Android programming and entrepreneurship to university students in India — was also enthusiastic about her team's project. "India is right on the cusp of innovation, and being right in the middle of it with the students is really exciting. We want to get feedback through this competition and just spread the word about our project."



WILLIAM YEE—THE TECH

Team Maa-Bara members Ogheneruno E. Okiomah G (right) and Elisha R. Goodman G (left) explain their project to the IDEAS Competition judges during the IDEAS poster section on Monday, April 25. Okiomah and Goodman's project focuses on a farming system to help people grow clean food in the oil-polluted land in the Niger Delta.

Judging Criteria

Each team pitches their plan to 3-5 judges, who rank the project based on three criteria: innovation, feasibility and impact.

"We want people to think about a problem in a new way and really have a catch-all 'aha' factor, a gut sense of novelty," said Lars H. Torres, Program Administrator of the IDEAS and Global Challenge.

"These projects need to have a significant social or environmental impact," Melville said, "We ask, 'Will it make a real difference, and do the teams have a well thought-out plan?'"

The final decision of the winners is then made by the core staff and competition sponsors. The top five teams in the community voting competition will also receive \$5000 each.



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Solution to Crossword

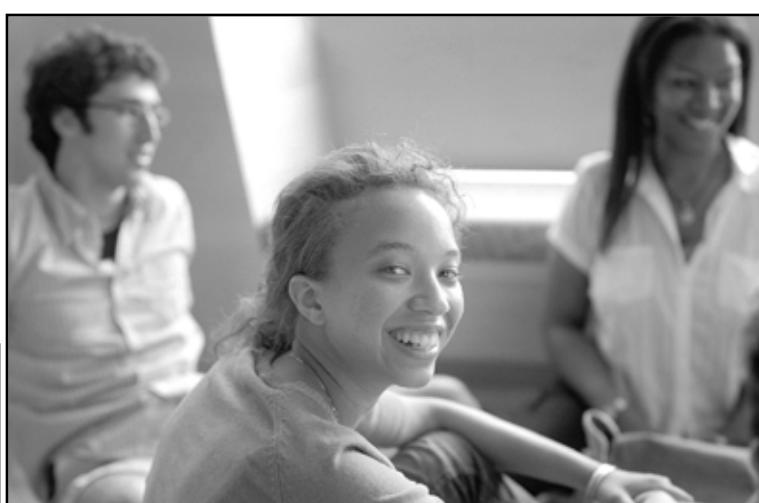
from page 6

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Bruce Friedrich faces off with MIT Debate Team

Vice President of PETA comes to MIT to argue against eating meat, champions veganism

PETA debate, from Page 1

mosely agree on this point, Friedrich said, claiming that this showed that people view animals to be an "ethical good."

Friedrich pointed out that more power is needed to produce meat-based food compared to plant-based food. The vast majority of calories that we feed to an animal is expended for them to simply exist, Friedrich said. As a result, he asserts that "if we are eating meat, we are basically stomping on the Earth in combat boots."

Friedrich then proceeded to show a sequence of videos from factory farms. The films showed chickens on industrial farms with their beaks clipped off to prevent them from pecking each other to death, along with several birds strung upside-down by their feet on their way to the slaughterhouse.

Rudina countered that Friedrich did not provide an adequate definition of ethics. While Friedrich be-

lieves that a person who eats meat and a person who does not recycle is unethical, Rudina disagreed. She argued that just as a person who neglected to recycle once is not unethical, neither is a person who makes the environmentally less-efficient choice of eating meat. She further disagreed that humans owe a moral responsibility towards animals.

"In order to be given moral consideration, [animals] must be capable of taking moral consideration

studies.

As the debate went on, both sides became increasingly involved with the concept of "black or white" ethics. Friedrich brought up a famous situation proposed by philosopher Peter Singer: in a situation where a man must veer and crash his car in order to save a girl on the street, most people would conclude that an ethical man is compelled to sacrifice his expensive car in favor of a human life. However, in an es-

ceptable even in regards to organic or grass-fed meat products.

"How many people would choose to spend an afternoon slicing chickens' throats open on a humane farm?" Friedrich asked. "No one!" He has been a vegan since 1987.

This public debate is part of a series of debates about meat ethics that Friedrich has been having on campuses of "top universities" including Harvard, Yale, and the University of Chicago.

"Doing public debates are a great way of letting people see what debate is like and allow them to look at how to approach certain interesting issues" said Julia A. Boortz '12, president of the debate team. "The philosophy of a debate tournament... involves being put on a side that you do not necessarily believe in personally." Boortz added, "It is a great educational experience."

Rudina was chosen to be the devil's advocate for the tournament. "I am definitely more mid-

dle-ground than my arguments in this debate," she said.

During the cross-examination, Rudina was cut-off by a member of the audience who objected to her arguments.

"This extends way beyond dogs or cats" he interrupted loudly, shaking his head. Both Friedrich and Rudina refused to respond to him and Friedrich asked the audience-member not to continue with his statement. According to Boortz, the man who interrupted may have been a local animal rights activist.

A large group of activists were in the audience, though it is unclear how they heard about the event, Boortz said. Friedrich had apologized to the debate team for the presence of the activists. According to Boortz, Friedrich said that he did not know the activists would be at the event and did not like to advertise similar events to local activists because he believed it contributed to a negative debate atmosphere.

'Every time we sit to eat we can make the decision that we are choosing the side of the oppressed over that of the oppressor.'

—Bruce Friedrich

PETA VICE PRESIDENT OF POLICY

of others as well," Rudina said. She encouraged MIT students to question the scientific robustness of Friedrich's claims that plant-based food is fourteen times more energy-efficient than meat, because of the complex nature of statistical

studies. Rudina said, "It is a

essentially equal choice where the man could buy a car or donate the cash towards a charity and save hundreds of lives, the decision is not nearly as unanimous.

Friedrich refused to concede his

After debating MIT's Parliamentary Debate Team, Bruce Friedrich, PETA Vice President of policy and government affairs, sat down with *The Tech* to discuss his views on the ethical treatment of animals.

The Tech: What is your most compelling reason for being vegetarian or vegan?

Bruce Friedrich: When people eat meat, they are entering into a mercenary relationship where they are paying people to mutilate animals, coop animals in their own excrement, ship them in all manners of weather and to chop their throats open often while they are still conscious. This causes animals to suffer [in a way] that would warrant cruelty charges many times over were these protected animals such as dogs or cats. There is no integrity in that. Again, it is a mercenary relationship. How many times in our lives do we pay others to do things that we ourselves wouldn't do because we have ethical objections? Every time we sit to eat we can make the decision that we are choosing the side of the oppressed over that of the oppressor.

TT: So if I were a farmer or a hunter, would that be acceptable to eat meat then, if I killed the animal myself?

BF: That is a different discussion from what is the strongest argument for MIT students not to eat. You could not personally deal with all the meat in grocery stores, the dining halls, the restaurants. All these animals are gratuitously abused. In terms of hunting, the discussion is if you choose to be merciful and compassionate or to support misery and cruelty. A lot of hunters choose to do the things that causes suffering and misery; they could be hunting with binoculars and a camera instead of hunting with lethal weapons.

TT: I'd like a really straight forward answer: Is it possible to have humane meat?

BF: A lot of meat eaters say humane meat is possible and they use that as their rationalization. For the same reason that we would not raise dogs and cats to eat them, we understand that they are someone instead of something. We shouldn't do that with animals.

TT: So to rephrase, humane meat is not possible.

BF: Humane meat is not possible. It is a contradiction in terms. In fact, if you google humane meat and my name, you will get the Huffington Post article I wrote about it.

TT: Just to get more of a clarification on your position, I know that you are vegan; are humane animal-products possible?

BF: Yeah, if you rescue a chicken. But that is literally 0 percent of the eggs in grocery stores. All of the eggs commercially available are where the males are tossed alive into grinders because they are a different breed. Even in places like Polyface farms,

the animals are treated fine on the farms, but the animals are brought from the same breeders where the males are tossed into the grinders and when their egg production decreases, they have their throats slit open while they are completely conscious.

TT: So you are saying that humane animal-products are possible, but are not commercially available right now

BF: The only non-vegan product that could be done acceptably is eggs. With milk, you are talking about manipulating an animal's reproductive function, taking their babies away from them and slaughtering the animals at a fraction of their natural life span. All of that involves unnecessary suffering on the part of the animal.

TT: What about animal husbandry, is that acceptable?

BF: No, that is still manipulation of the animal's reproductive system. It may entail less abuse, but it is still abuse.

TT: So is it the cruelty and misery that is most important?

BF: Any time you eat meat, you are eating the corpse of someone. This isn't different from doing that to a dog or cat; people in this room would never eat a cat. It is completely irrational to say that I won't eat a dog or a cat, but I will eat a pig or a chicken.

TT: But who is to say that it is unethical to eat a dog or a cat?

BF: Because you are eating someone instead of something. And that is a side discussion. You could make the case that everyone is just wrong in their objection to eating dogs and cats. But my point in the whole debate is that I don't have to change what they currently believe. I just have to convince them to align their beliefs with their actions.

TT: What if people, instead of aligning their actions with their previous beliefs, align their beliefs with their previous actions?

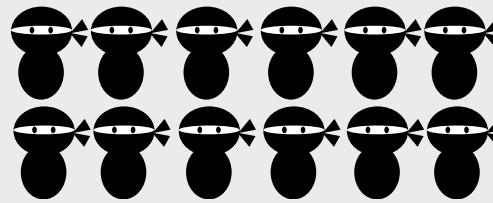
BF: I think if you ask people at the end of the debate if cruelty to animals is wrong, none of them are going to change. I don't think people are going to change their ethics to be unethical. They may continue to live in violation of their ethics. I think it is very unlikely that people will change those beliefs because they are so ethically inarguable.

TT: What do you think about the ethics of doing animal testing for science and medicine?

BF: Just as someone would recoil about doing animal research on human beings. Animals are not test tubes with whiskers and fur, and they should not be used as a means to an end. It is my understanding that MIT's research is especially cruel and heinous. Someone sent me some articles and I didn't read it. But even if those articles were not true ...



NICHOLAS CHORNAY—THE TECH
PETA Vice President of Policy Bruce Friedrich presents his view on the ethics of eating meat during a debate on Monday, April 25, in 10-250.





MANOHAR SRIKANTH—THE TECH

A plate of lentil köfte, a traditional Turkish dish, was served during iFair on Friday, April 22. MIT's international student groups shared their culinary uniqueness at this annual cultural showcase, held on Kresge Oval.

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Solution to Techdoku
from page 7

4	2	1	5	6	3
3	1	6	4	5	2
2	6	5	3	4	1
1	5	4	2	3	6
5	3	2	6	1	4
6	4	3	1	2	5

Solution to Sudoku
from page 7

3	6	8	1	9	2	4	7	5
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5	8	2	9	7	6	1	3	4
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7	5	3	6	4	9	2	8	1
8	1	4	7	2	3	5	9	6

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a) Depression is a bunch of symptoms exhibited by weak people.

b) Depression is an unbearable suppression of brain activity that can strike anyone.

Straightening out all the misconceptions, the correct answer is 'b'. It's a concept we should all understand and remember, and here's why. Depression strikes millions of young adults, but only 1 out of 5 ever seeks treatment for it. Too many just drag themselves along or eventually seek relief through suicide. Why not treatment? Partly lack of awareness. Partly the unwarranted negative stigma. This is what needs fixing. This is where we need you to change your attitudes. It's an illness, not a weakness. And it's readily treatable. Spreading the word and making this common knowledge is everybody's assignment.

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SPORTS SHORT

Men's Heavyweight Rowing team beats Colgate University

The MIT Heavyweight Men's Crew swept Colgate University in two races Saturday morning in the Charles River Basin. The freshman eight, stroked by Michael R.

Klinker '14, started off the day's action. The Engineers' firepower proved too much for the Colgate Raiders, as MIT took a lead at the start and extended it throughout the race. MIT won with a time of 6 minutes 14 seconds, 30 seconds ahead of Colgate. The freshmen race next weekend in Hanover, N.H. against Dartmouth College and the University of Wisconsin.

The varsity four, stroked by Matthew J. Pegler '11, faced a tougher challenge from the Colgate four, which was stroked by James Clinton, a member of the Canadian under-23 team. The Engineers took a small early lead off the start, but this lead was quickly eroded. The lead changed hands several times, but no crew ever had an advantage of more than a few meters. Coming into the final 20 strokes, Colgate led by a fraction of a second, but a strong final push by the Engineers put their bow in front as they crossed the line. MIT won with a time of 6:41.95 by an official margin of one foot.

—Lucas Goodman, Team Representative

MIT Men's Tennis overtakes Wheaton College 6-3

This Saturday, the MIT Men's Tennis team won their 11th match overall, beating Wheaton College 6-3. MIT

won four of the six singles matches and two of the three doubles matches. Ken Van Tilburg '11 and Curtis L. Wu '14 were the top singles winners for the Engineers, earning second and fourth place, respectively. Wheaton's Neall Oliver was a standout for the Lyons, winning first singles and first doubles. However, it was MIT's depth that helped the Engineers come out on top on Saturday. Larry Pang '13 and Wu won second doubles, and Edwin M. Zhang '14 and Andrew C. Cooper '13 won third doubles. Coming into the match, the MIT Men's Tennis team was rated seventh in the region and 23rd nationally, and they leave as the top seed for Saturday's NEWMAC tournament, which will be held at home. This was Wheaton's first loss in league-play, and they will be second seed heading into the tournament.

—Sarah Weir

Tennis earns two more wins
MIT still undefeated going into final match of season

By Jennifer Rees
TEAM REPRESENTATIVE

Last Wednesday MIT Women's Tennis had a long match against Brandeis University. The number one team of Lauren C. Quisenberry '14 and Candace L. Wu '14 lost 8-3 to their opponents. The number two doubles team of Julia C. Hsu '14 and Bianca M. Dumitrascu '13 dominated the court and won their match 8-4. The doubles team of Melissa A. Diskin '11 and Katharine A. O'Neal '14 defeated their opponents 8-5, giving MIT a 2-1 lead.

In singles, Wu destroyed her opponent 6-1, 6-1. Quisenberry made quick work of her opponent and won 6-2, 6-3. Dumitrascu lost 6-2, 6-2, making the score 4-2. The rest of the matches were longer and close in competition. Hsu came

back from losing the first set to win in three, 4-6, 6-2, 7-5. O'Neal took the first set in the tiebreaker and then lost the second set. She took the match in the third set tie break, winning 7-6(4), 2-6, 10-7. Diskin lost the first set but took the second set in a tiebreaker. She ended up losing the match in a third set tie break 5-7, 7-6(5), 10-3. This gave MIT the win with a score of 6-3.

In singles, Wu destroyed her opponent 6-1, 6-1.

Saturday was senior day for the team, who honored their four seniors Sonya Makhni '11, Jenny C. Dohlm '11, Diskin, and Jennifer A. Rees '11, after which the match against Simmons commenced.

Quisenberry and Wu dominated the court and defeated their oppo-

nents 8-3. Next off was the team of Hsu and Diskin, who played a tough match with both teams attacking the net. They lost in the tiebreak 9-8(2). Dohlm and Rees also had a tough match but pulled it out in the tiebreak with 9-8(2). This gave MIT the lead 2-1. Wu and Hsu both took care of business and won their matches 6-0, 6-0. Quisenberry also had a decisive match, winning hers 6-1, 6-2. Dohlm played a tough match and lost 6-0, 6-1. Trinity P. Leonard '13 in exhibition played well and defeated her opponent 8-2. Diskin came back after losing the first set. She took it to a third set where she won 3-6, 6-1, 7-5. Rees played a long match but ended winning 6-2, 6-1. This gave MIT the win of 7-2.

This spring season, MIT has gone undefeated, which has not happened for years. They have one more away match next weekend against Trinity.

ch's MLB Ch

By The Tech Sports staff

The MLB Postseason. In the American League, the Series against Minnesota with ease to advance to the World Series. The Texas Rangers, recovered from a loss to the Tampa Bay Rays, the Philadelphia Phillies swept Cincinnati in a ho-hitter by Roy Halladay. They face the Atlanta in which every game was decided to claim their league pennant and advance to the World Series, with department bragging rights on the line.

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Cycling extends conference lead
MIT wraps up regular season with four races in N.H.

By Matthieu Talpe

TEAM REPRESENTATIVE

The MIT Cycling team competed in its final regular-season race weekend April 16-17 and continued to extend its lead in the Eastern Collegiate Cycling Conference ahead of the conference championships. The four-race weekend consisted of two races held at Dartmouth College on Saturday and two races organized by the University of New Hampshire on Sunday.

Saturday's early morning individual time trial (ITT) featured a 3.75-mile course with a 524-foot climb in Hanover, N.H. Starting on the banks of the Connecticut River, cyclists rode through Dartmouth's campus, out and up half a mile of dirt road to the ridge overlooking Hanover. Zachary A. LaBry G was the quickest MIT rider in the hill-climb time trial with a time

The Cycling team continued to extend its lead in the ECCC ahead of the championships.

of 11 minutes 43.87 seconds, finishing eighth in the men's A field that also saw six MIT riders place in the top 30. Zachary W. Ulissi G scored in the men's B field, also placing eighth. Team captain Katie J. Quinn G continued to assert her dominance in the female field, finishing first in 12:45.30, more than 15 seconds ahead of perennial rival Anna McLoon of Harvard. Teammates Yuri Matsumoto G and Christina M. Birch G rounded out the top places with respective third- and fourth-place finishes. Shaena R. Ber-

lin '13 also scored points with a strong performance in the B category, as did Maria A. Berezina G and Kristine D. Johnson G in the C category.

The Frat Row Criterium followed the ITT. The famed criterium lost part of its personality when the organizers discarded "carnage corner." In previous years, the 180° downhill-to-uphill, gravel-filled turn had splintered countless fields, crashed out many riders, and generally been the single most defining spot of the course. With a new four-corner criterium, many of the races were won in mass sprint finishes. A notable exception was Quinn, who crossed the finish line alone in the women's A race, successfully riding away from Dartmouth's Elle Anderson in the final laps. MIT fielded cyclists in every field (except for intro categories) and, notably, had seven starters in the men's A race. Highlights of the many scoring performances include Michael J. Frankovich G and Samuel W. Hickey G placing third and fifth, respectively, in the men's B field, and Samuel M. Nicase G scoring his first points in a mass-start race with a seventh-place finish in the men's D.

Sunday's races were held two hours away in Strafford, N.H. The rainy conditions did not deter MIT from competing in and crushing the morning team time trial event. MIT women's teams topped all female categories, while the MIT's men A team (Michael L. Garrett G, John J. Rhoden G, LaBry, and captain Spencer D. Schaber G) finished second. MIT's second male A team of three (Joseph P. Near G, Andrew C. Lysaght G, Adam P. Bry G) completed the 9.6-mile course a mere 0.23 seconds away from fourth place.

The overcast conditions finally gave way to sunny blue skies, drying the roads just in time for the fourth and last event of the weekend. The anticipated road race featured a 19.9-mile course through the undulating

New Hampshire landscape. The C and D categories tackled two loops of the course first. Unfortunately, marshaling mistakes led the front pack of women C, including MIT's Berezina and Diana Siegel G, off course, stopping their race early from what would have been top finishes. In the men's C

It was another successful weekend of racing — MIT dominated with numbers and sheer strength.

race, Steven Ji '11 won the field sprint and placed 11th overall. The women's A and B field raced three loops of the course, and the trio of Martha W. Buckley G, Matsumoto, and Quinn used their numbers and team tactics to ride away from the field and finish 1-2-3, respectively. In the men's B race, only 7 seconds separated first place from 12th, as the pack finished with a sprint up the course's steepest climb. Frankovich placed fourth, and female teammate Laura R. Ralston G — a usual podium finisher in the women's A field — outlasted most of the men's field by placing 11th. The winning move in the men's A field was initiated by Harvard's Stuart McManus at the base of the last climb, 79 miles into the 80-mile race. Bry headed the MIT contingent with a 15th place finish and teammate Rhoden right behind in 18th place.

All in all, it was another successful weekend of racing during which MIT dominated with numbers and sheer strength. Quinn now holds the series jersey as the overall conference female leader, and the MIT Cycling team leads the ECCC points with 1567 points, 570 more than second-place Harvard.

UPCOMING HOME EVENTS

Wednesday, April 27

Baseball vs. Fisher College

4 p.m., Briggs Field

Thursday, April 28

Baseball vs. UMass Boston

4 p.m., Briggs Field

Sailing — Midweek Tech Invite #2

4 p.m., Charles River

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ATHLETE OF THE WEEK: ISAAC T. ENTZ '11

Isaac T. Entz is up in the air

Ultimate Frisbee, Course 16, Glass Lab — taking it all in stride

By Nidharshan Anandasivam
SPORTS STAFF

Isaac T. Entz '11, a senior in Course 16, is currently taking the intense 2.007 (Design and Manufacturing I), yet still finds time to enjoy playing on the MIT Ultimate Frisbee team. Recollecting how he got so interested in Ultimate, Isaac explained, "I first learned to play after home football games at my high school. Half of the marching band would stick around after games to play, and that's where I got my start. I didn't play competitively in high school but did play pickup Ultimate with a quality group at the local college in town."

Nowadays, Isaac gets a thrill from his Ultimate Frisbee team primarily through a twofold interplay. "I like the combination of the competitive nature and the fun spirit of the team. We practice and play to be competitive, but we don't forget to have fun along the way."

What is the MIT Ultimate Frisbee life like? There are four or five tournaments per semester, usually on the weekends. The team tries to practice for three hours every Tuesday, Thursday, and Saturday, and run a track workout on another day.

"I leave from the Student Center shortly after six in the morning and get back after four or five games a day at 7 p.m. It's nice to have lots of teams close

by in the New England area so we don't have to travel extremely far for tournaments — usually only an hour or two away," said Isaac.

In fact, Isaac competed in a tournament close to home last weekend — Briggs Field. "We just had the Metro Boston Conference Championship this past weekend here at MIT, which is the tournament for the section to determine who goes to Regionals, and eventually to Nationals," said the senior. "We didn't officially qualify for Regionals this year, but there is a chance we can still get a bid to go based on how other sections finish. We'll probably find out in the next week."

When asked how he manages to balance the Ultimate life with school, Isaac responded with a chuckle: "I don't, I just play Ultimate! We practice two to three times a week and it mostly just works out. I've made commitments to both, so I go to practices and tournaments and use other time during the week to get the classwork done."

But this is not an easy task. "With more lab classes this semester, I'm usually working during the day on the 2.007 robot or on getting tests run in the wind tunnel for Course 16 ... then practice or glassblowing in the evenings ... I get home late, but I try to keep sleep time close to eight hours. The weekends usually end up being free from work,

but often fill up with Ultimate or glassblowing or senior class activities."

Besides his fondness for tossing the Frisbee, Isaac has a passion for sharpening his skills at the MIT Glass Lab. "I'm in an intermediate class and I monitor for a beginner practice session. I also help out with the pumpkin crews (to make pumpkins for the Great Glass Pumpkin Patch in the fall) on the weekends when I'm not at an Ultimate tournament."

Currently pursuing a degree in Course 16, Isaac cherishes the present but thoughtfully considers his future endeavors. "I enjoy lab classes infinitely more than lecture and am looking for work as a mechanical design engineer next year. The career aspirations are still ranging from head engineer at Lamborghini to full-time mechanical engineer with a third-world NGO, but I've got time to figure that out."

For now, Isaac takes delight in his free time. "I often enjoy walking around Newbury, the Boston Common, and Faneuil Hall/North End areas, or going to random hole-in-the-wall bars when I can convince my friends to punt work with me. I also ride my bike a lot, dream about my motorcycle back home (especially when the weather is nice), and hang out in the MIT Glass Lab a lot, all while trying to avoid the 'wing-manning' of Bobby Weber '13."



CYNTHIA PANAS

Despite strong finishes, Women's Sailing misses out on nationals



MANOHAR SRIKANTH—THE TECH

The MIT Women's Sailing team competed at the Reed Trophy on Saturday, April 23. The team finished 12th out of 14, missing out on nationals.

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